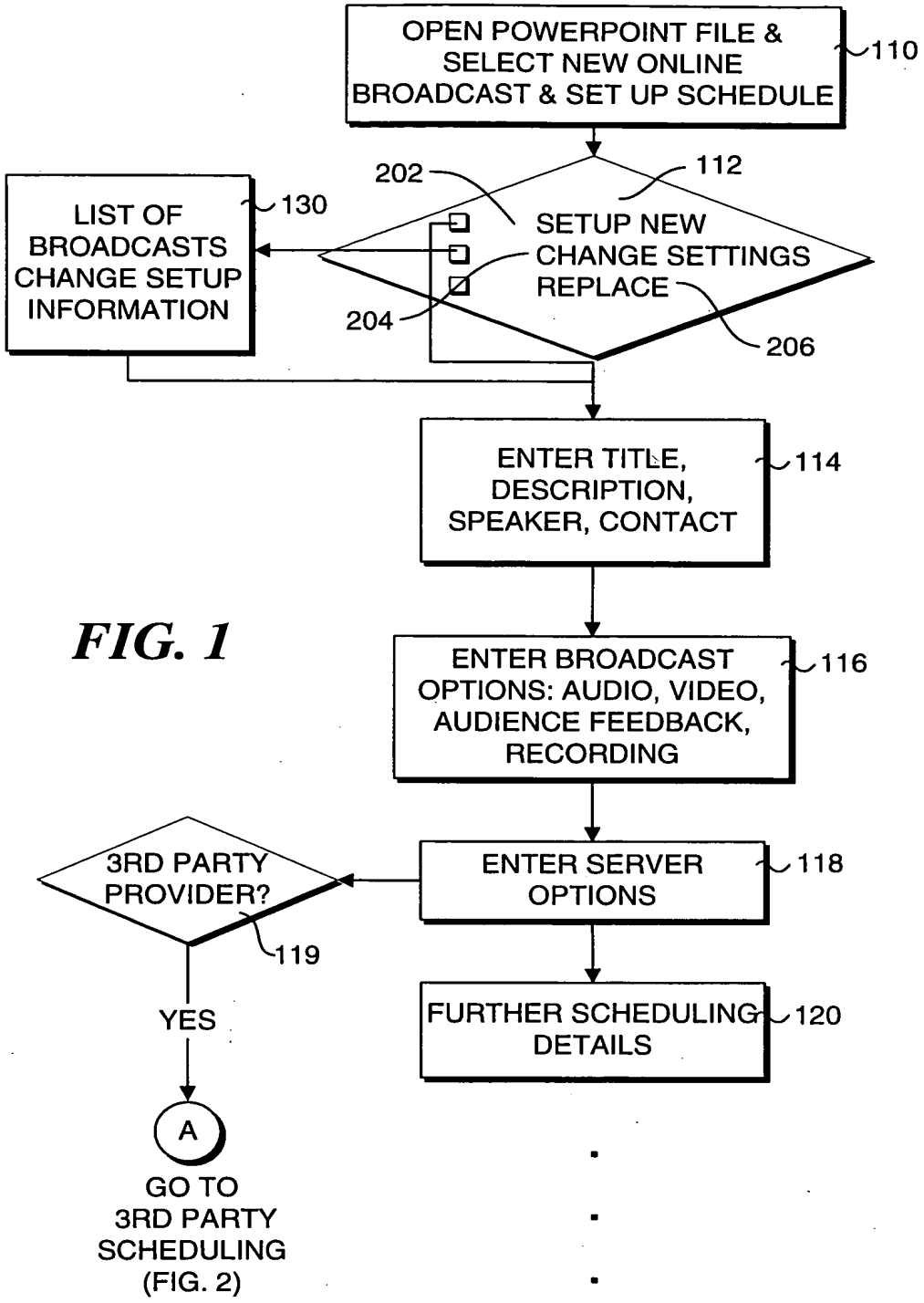
OPEN POWERPOINT FILE & SELECT NEW ONLINE BROADCAST & SET UP SCHEDULE
110
202
112
LIST OF BROADCASTS CHANGE SETUP INFORMATION
130
SETUP NEW
CHANGE SETTINGS
REPLACE
204
206
ENTER TITLE, DESCRIPTION, SPEAKER, CONTACT
114
ENTER BROADCAST OPTIONS: AUDIO, VIDEO, AUDIENCE FEEDBACK, RECORDING
116
3RD PARTY PROVIDER?
119
ENTER SERVER OPTIONS
118
FURTHER SCHEDULING DETAILS
120
YES
A
GO TO 3RD PARTY SCHEDULING (FIG. 2)

FIG. 1

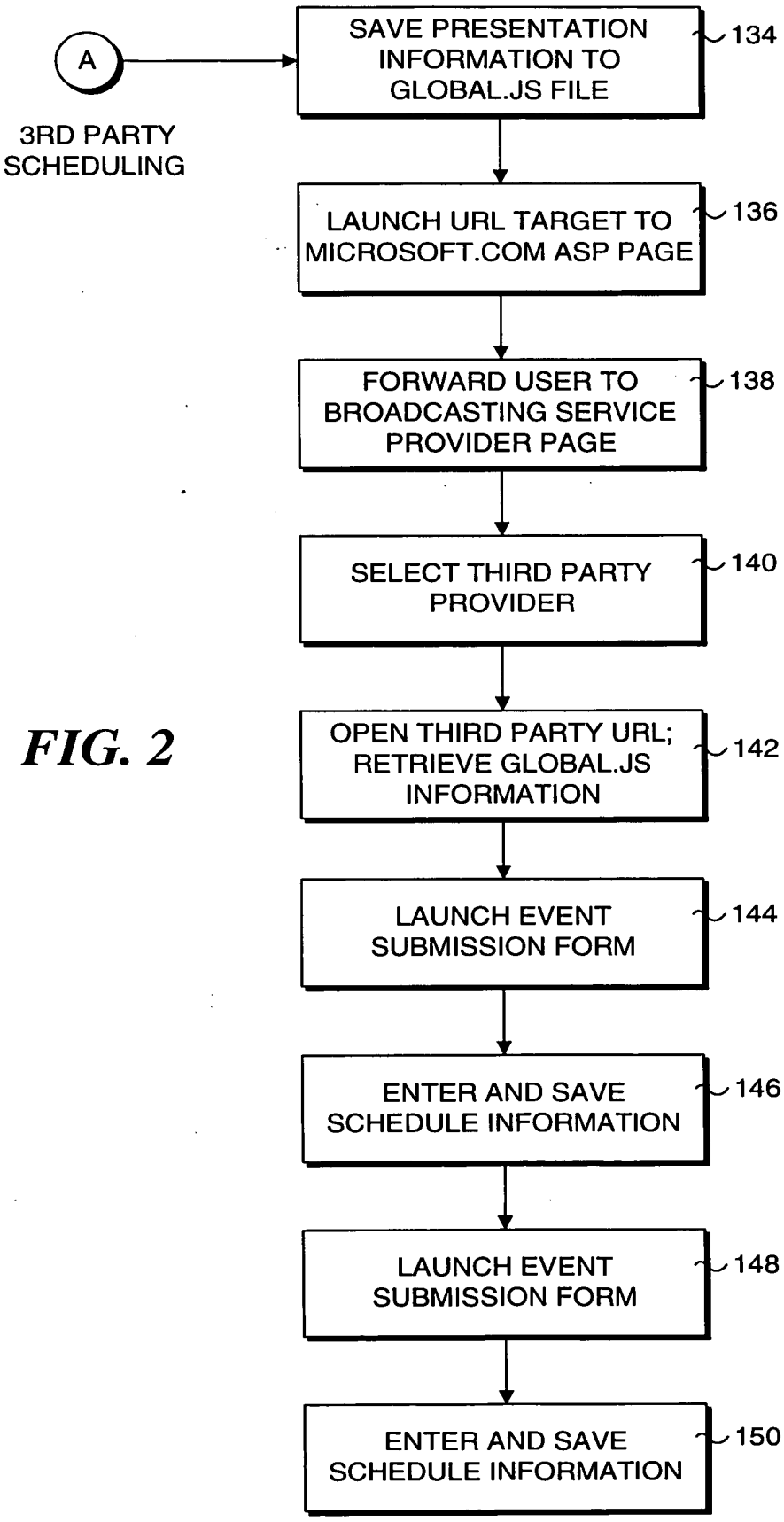
A
3RD PARTY SCHEDULING
SAVE PRESENTATION INFORMATION TO GLOBAL.JS FILE
134
LAUNCH URL TARGET TO MICROSOFT.COM ASP PAGE
136
FORWARD USER TO BROADCASTING SERVICE PROVIDER PAGE
138
SELECT THIRD PARTY PROVIDER
140
OPEN THIRD PARTY URL; RETRIEVE GLOBAL.JS INFORMATION
142
LAUNCH EVENT SUBMISSION FORM
144
ENTER AND SAVE SCHEDULE INFORMATION
146
LAUNCH EVENT SUBMISSION FORM
148
ENTER AND SAVE SCHEDULE INFORMATION
150

FIG. 2

002260 6n0E560

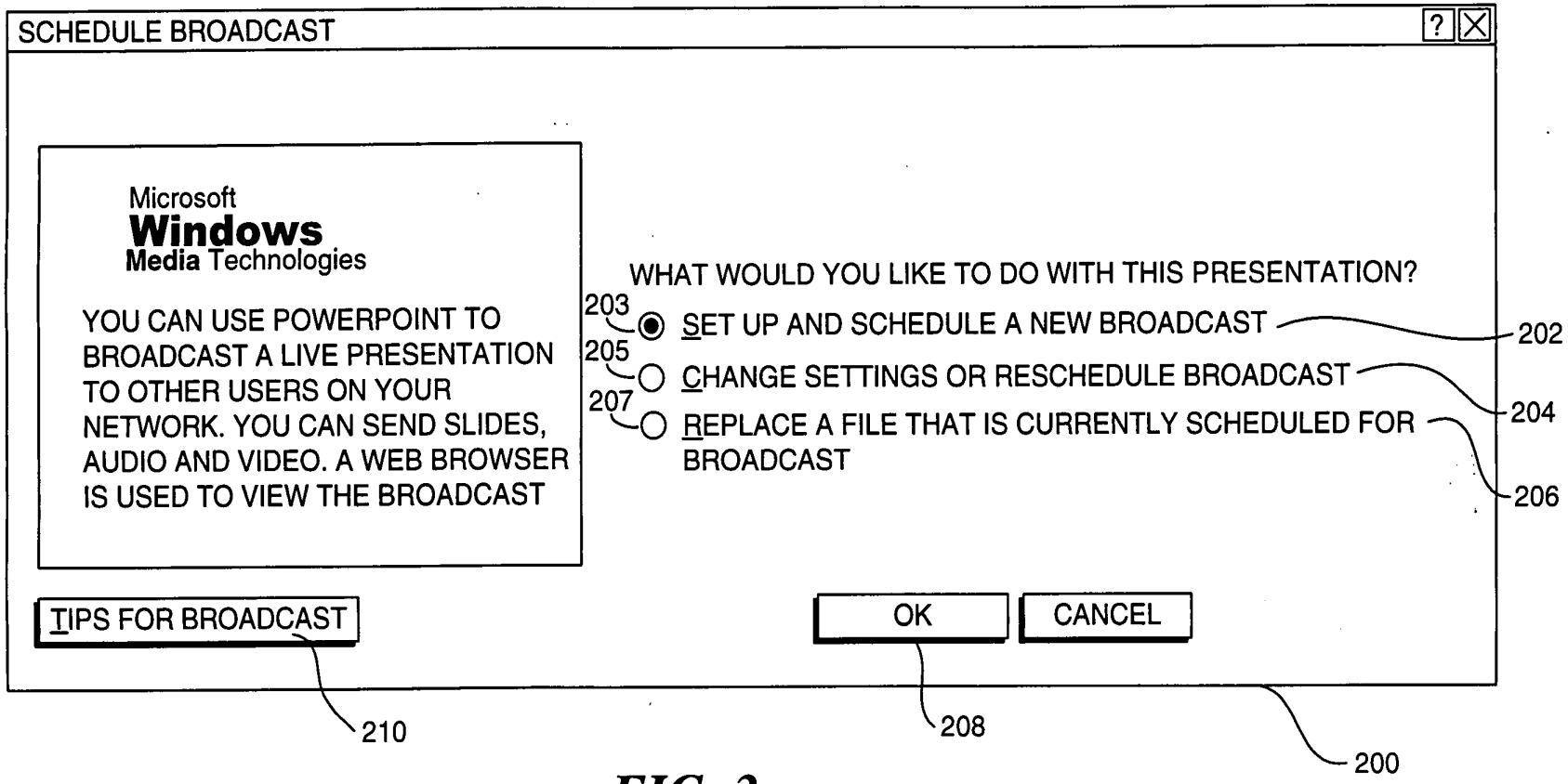

FIG. 3

002260 6402560

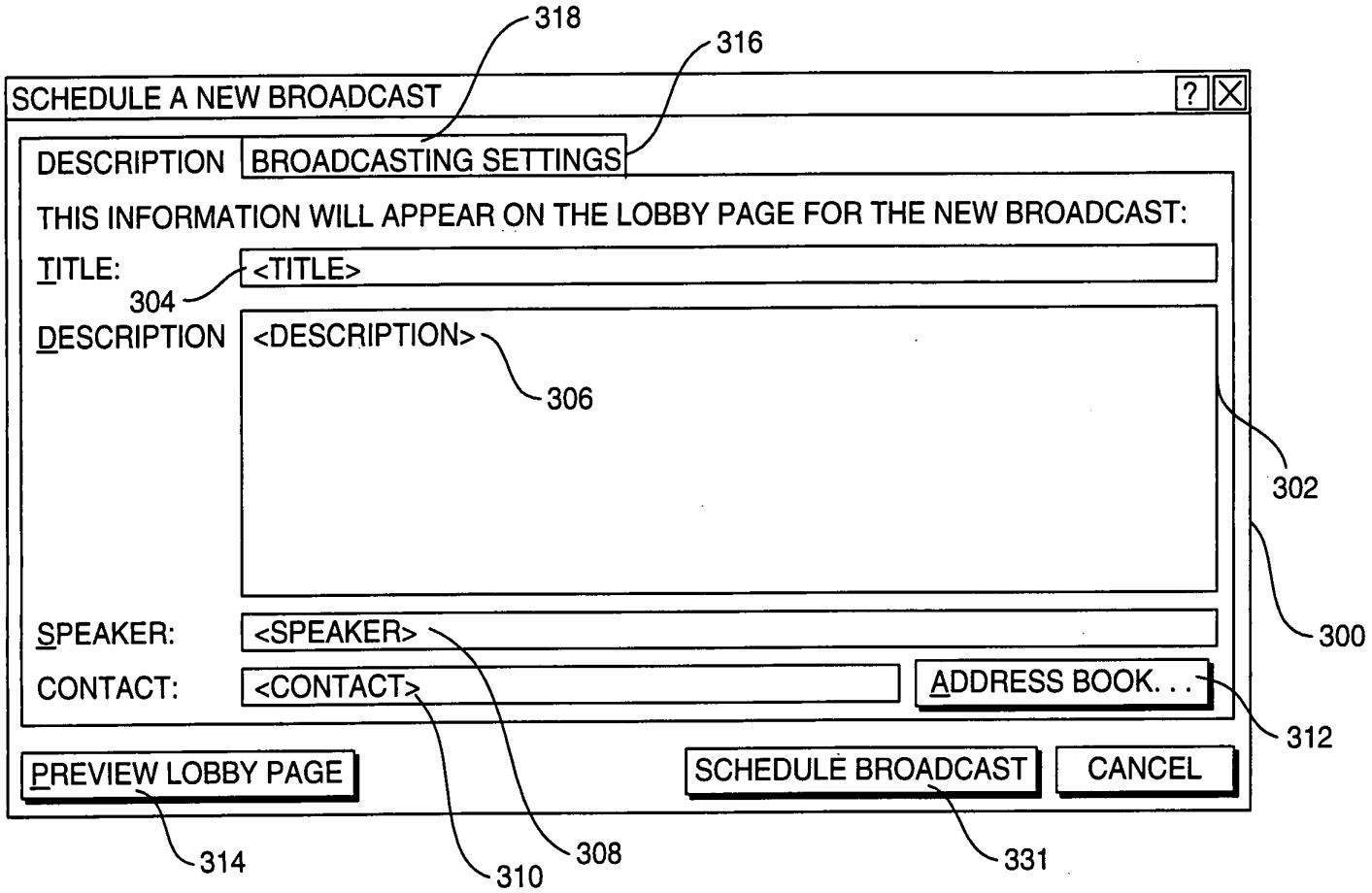

FIG. 4

002260 6h0E560

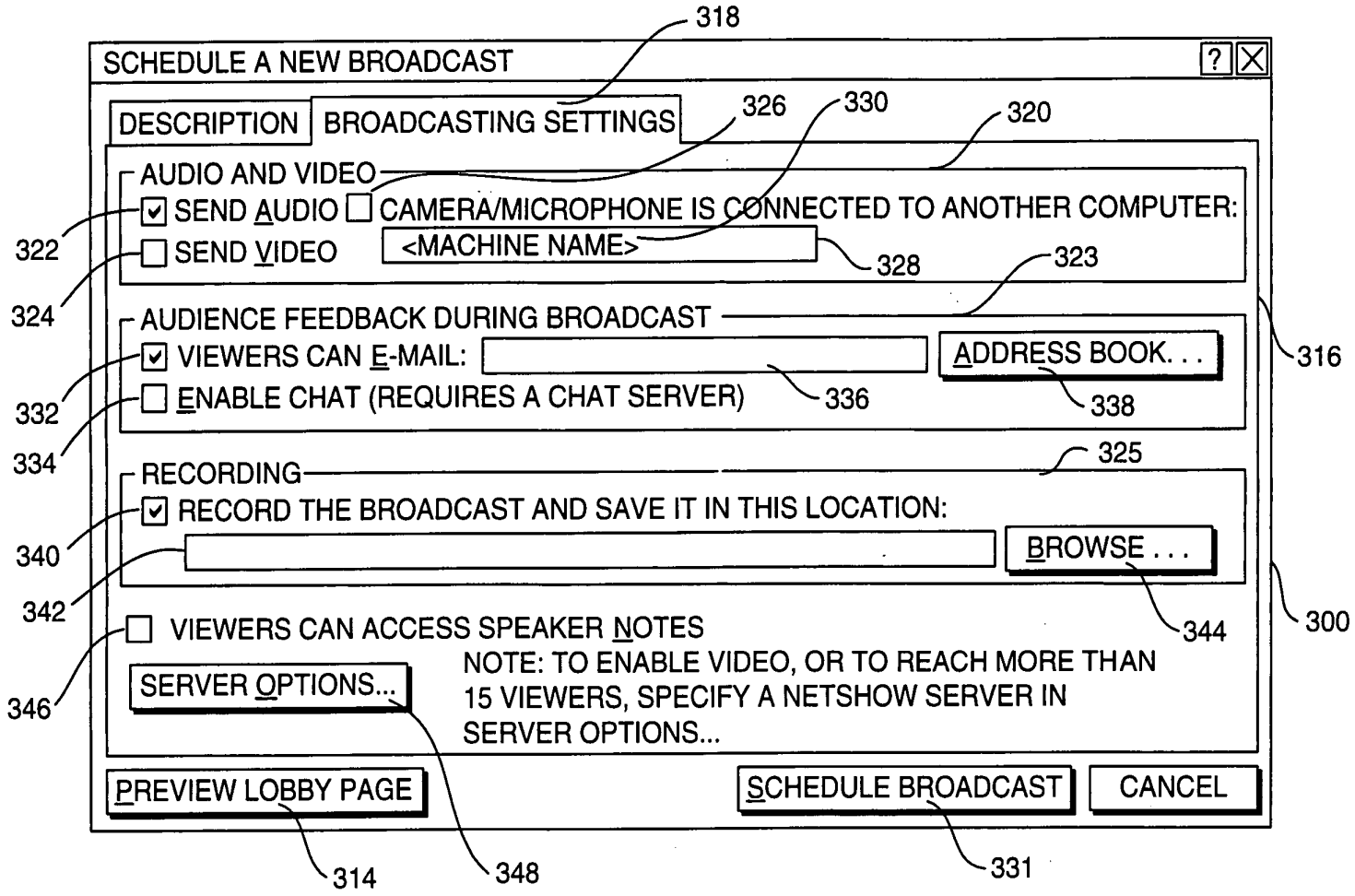

FIG. 5

002260 6h0E960

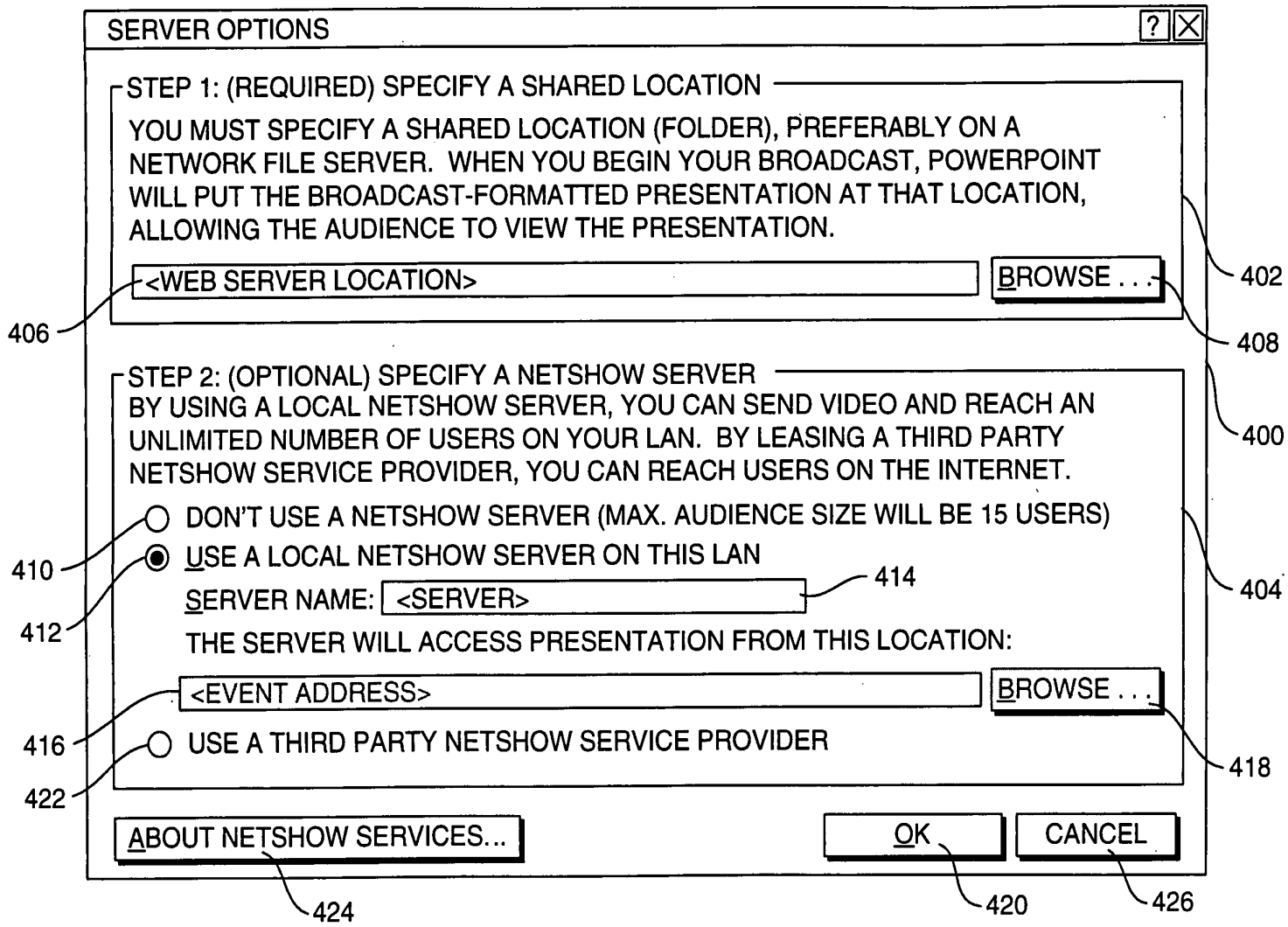

FIG. 6

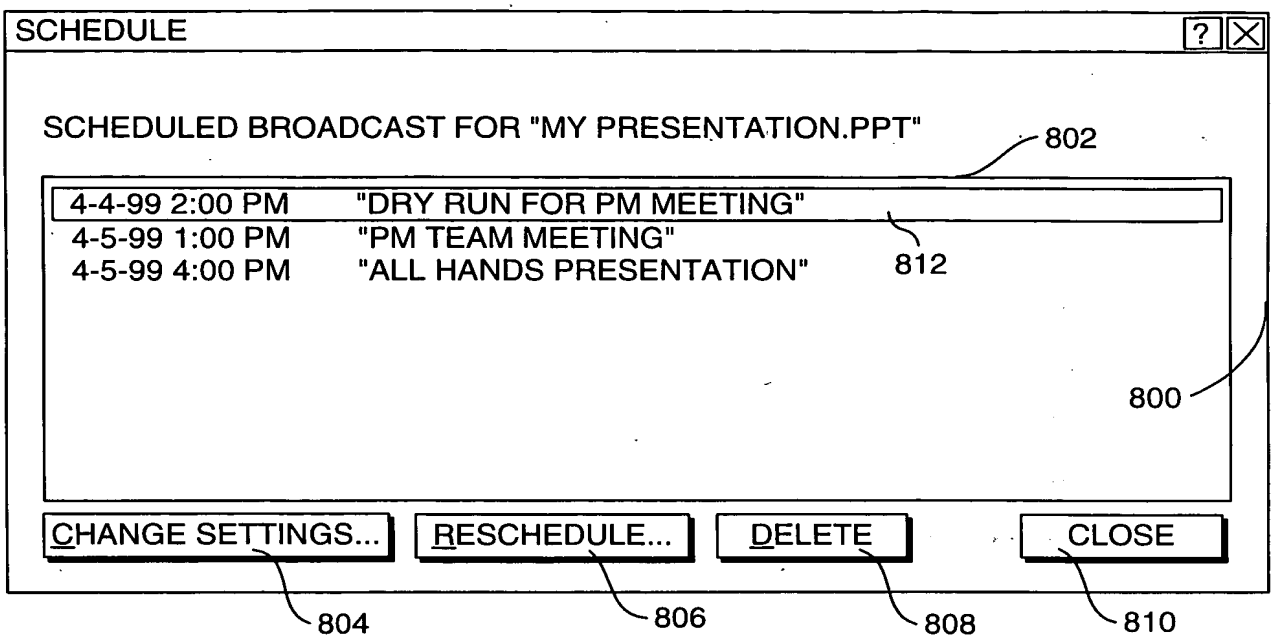
SCHEDULE
SCHEDULED BROADCAST FOR "MY PRESENTATION.PPT"
802
4-4-99 2:00 PM "DRY RUN FOR PM MEETING"
4-5-99 1:00 PM "PM TEAM MEETING"
4-5-99 4:00 PM "ALL HANDS PRESENTATION"
812
800
CHANGE SETTINGS...
RESCHEDULE...
DELETE
CLOSE
804
806
808
810

FIG. 7

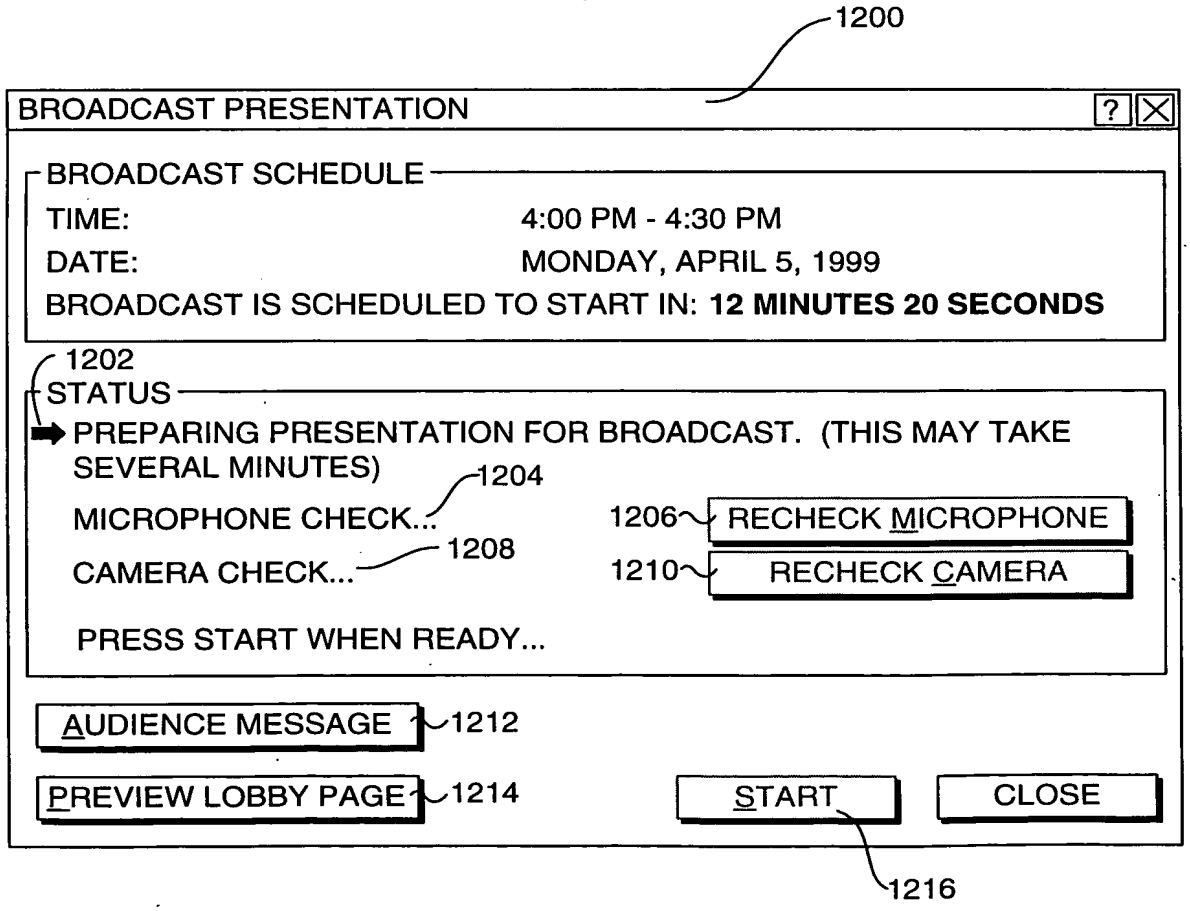
1200
BROADCAST PRESENTATION
BROADCAST SCHEDULE
TIME: 4:00 PM - 4:30 PM
DATE: MONDAY, APRIL 5, 1999
BROADCAST IS SCHEDULED TO START IN: 12 MINUTES 20 SECONDS
1202
STATUS
PREPARING PRESENTATION FOR BROADCAST. (THIS MAY TAKE SEVERAL MINUTES)
1204
MICROPHONE CHECK...
1206
RECHECK MICROPHONE
1208
CAMERA CHECK...
1210
RECHECK CAMERA
PRESS START WHEN READY...
AUDIENCE MESSAGE
1212
PREVIEW LOBBY PAGE
1214
START
CLOSE
1216

FIG. 14

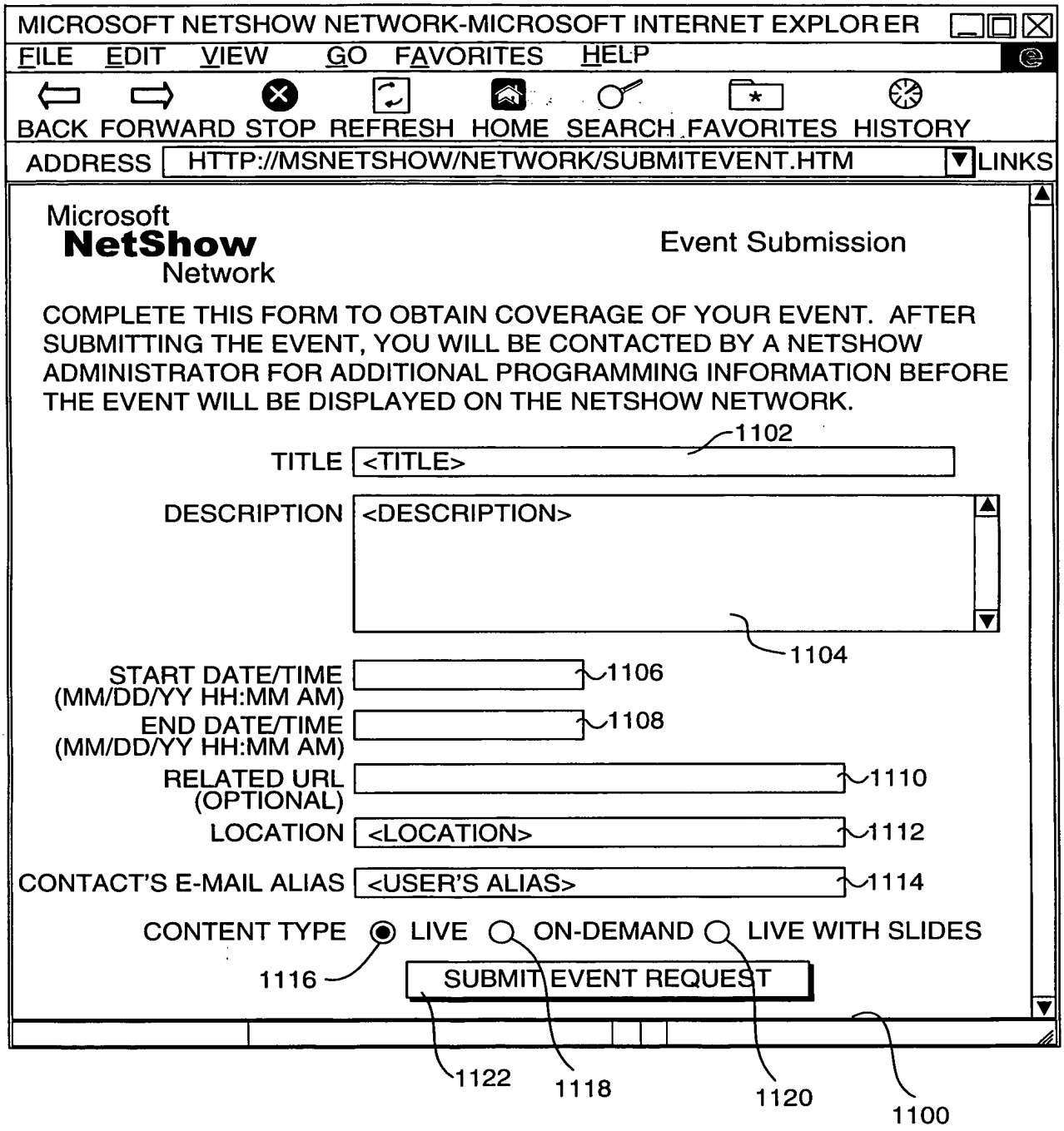
MICROSOFT NETSHOW NETWORK-MICROSOFT INTERNET EXPLOR ER
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://MSNETSHOW/NETWORK/SUBMITEVENT.HTM
LINKS
Microsoft
NetShow
Network
Event Submission
COMPLETE THIS FORM TO OBTAIN COVERAGE OF YOUR EVENT. AFTER SUBMITTING THE EVENT, YOU WILL BE CONTACTED BY A NETSHOW ADMINISTRATOR FOR ADDITIONAL PROGRAMMING INFORMATION BEFORE THE EVENT WILL BE DISPLAYED ON THE NETSHOW NETWORK.
TITLE
<TITLE>
1102
DESCRIPTION
<DESCRIPTION>
1104
START DATE/TIME (MM/DD/YY HH:MM AM)
1106
END DATE/TIME (MM/DD/YY HH:MM AM)
1108
RELATED URL (OPTIONAL)
1110
LOCATION
<LOCATION>
1112
CONTACT'S E-MAIL ALIAS
<USER'S ALIAS>
1114
CONTENT TYPE
LIVE
ON-DEMAND
LIVE WITH SLIDES
1116
SUBMIT EVENT REQUEST
1122
1118
1120
1100

FIG. 8

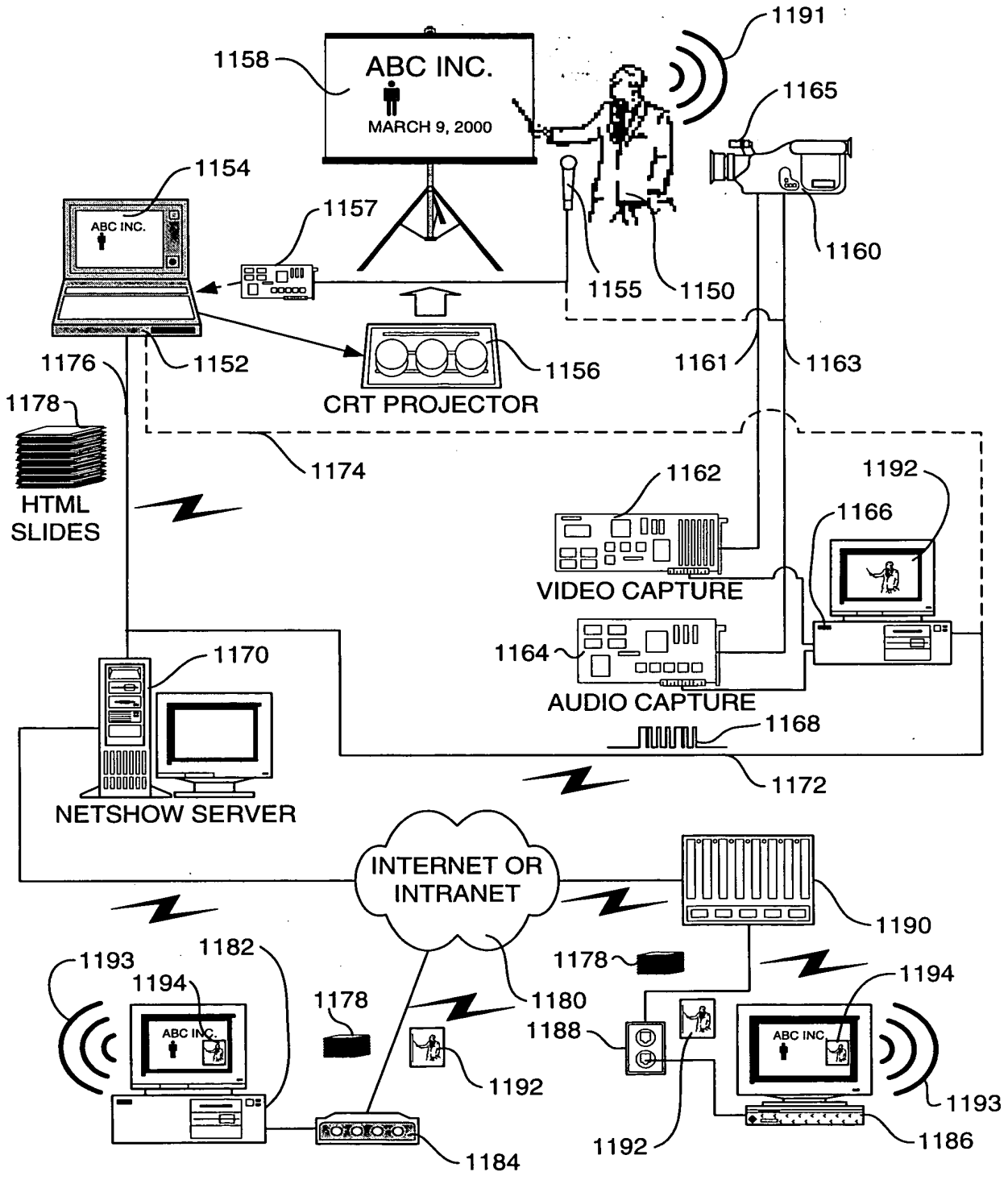
1191
1158
ABC INC.
MARCH 9, 2000
1165
1154
ABC INC.
1157
1160
1155
1150
1176
1152
1156
1161
1163
CRT PROJECTOR
1178
1174
HTML
SLIDES
1162
1192
1166
VIDEO CAPTURE
1170
1164
AUDIO CAPTURE
1168
1172
NETSHOW SERVER
INTERNET OR
INTRANET
1190
1193
1182
1194
1178
1180
1178
1194
1188
1192
1193
1184
1192
1186

FIG. 9

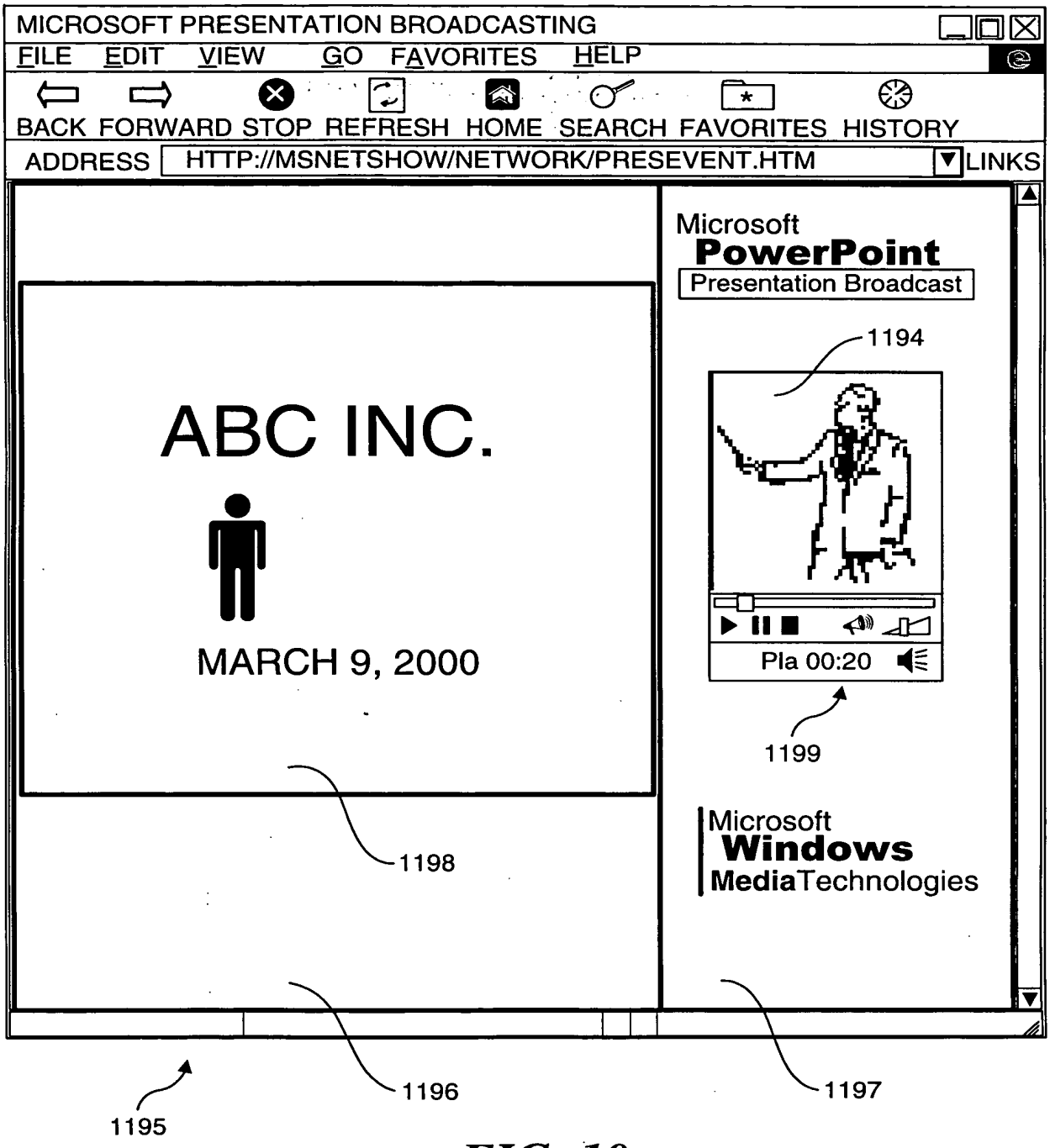
MICROSOFT PRESENTATION BROADCASTING
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://MSNETSHOW/NETWORK/PRESEVENT.HTM
LINKS
ABC INC.
MARCH 9, 2000
Microsoft
PowerPoint
Presentation Broadcast
1194
Pla 00:20
1199
Microsoft
Windows
MediaTechnologies
1198
1196
1197
1195

FIG. 10

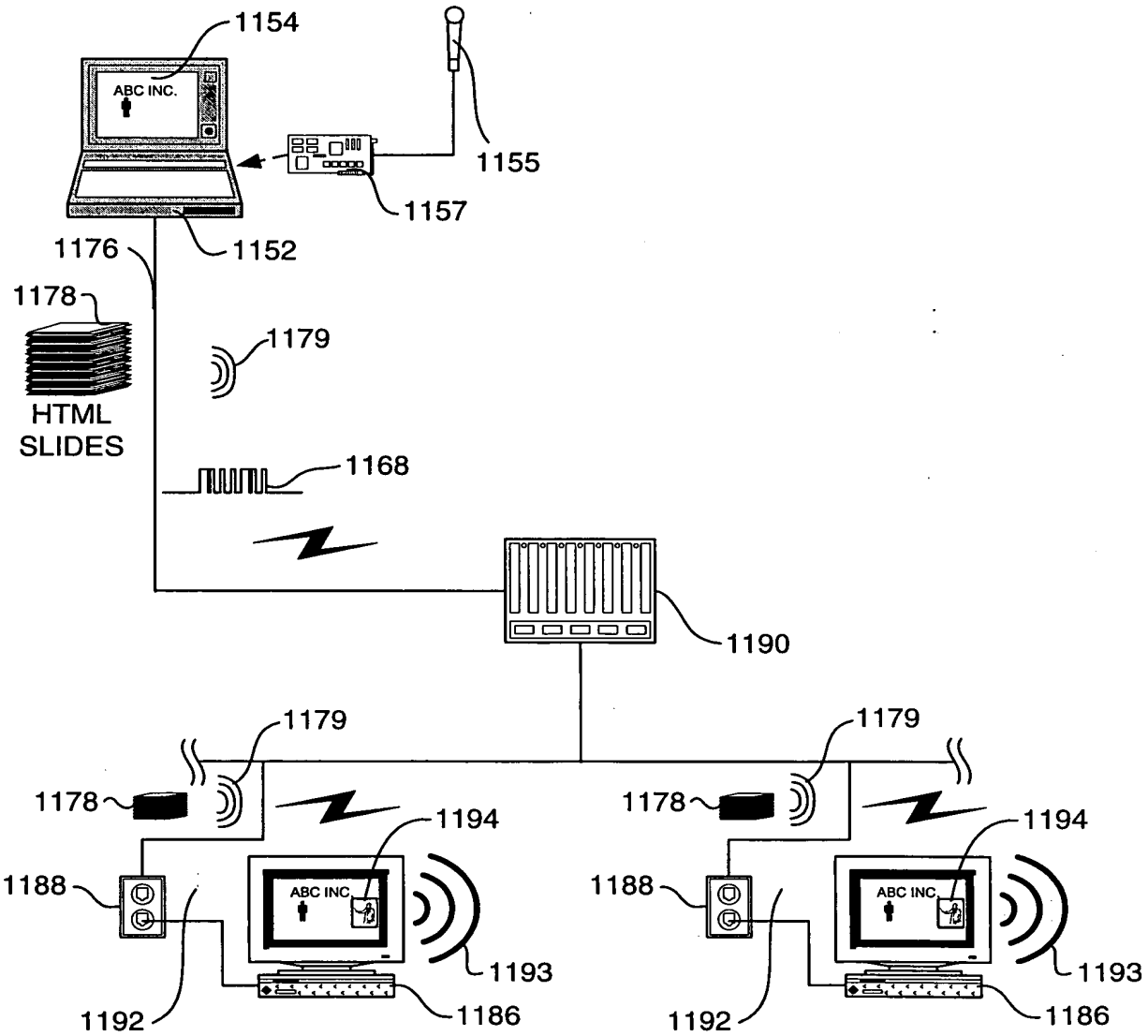
1154
ABC INC.
1155
1157
1152
1176
1178
1179
HTML
SLIDES
1168
1190
1179
1178
1194
1188
ABC INC.
1193
1192
1186
1179
1178
1194
1188
ABC INC.
1193
1192
1186

FIG. 11

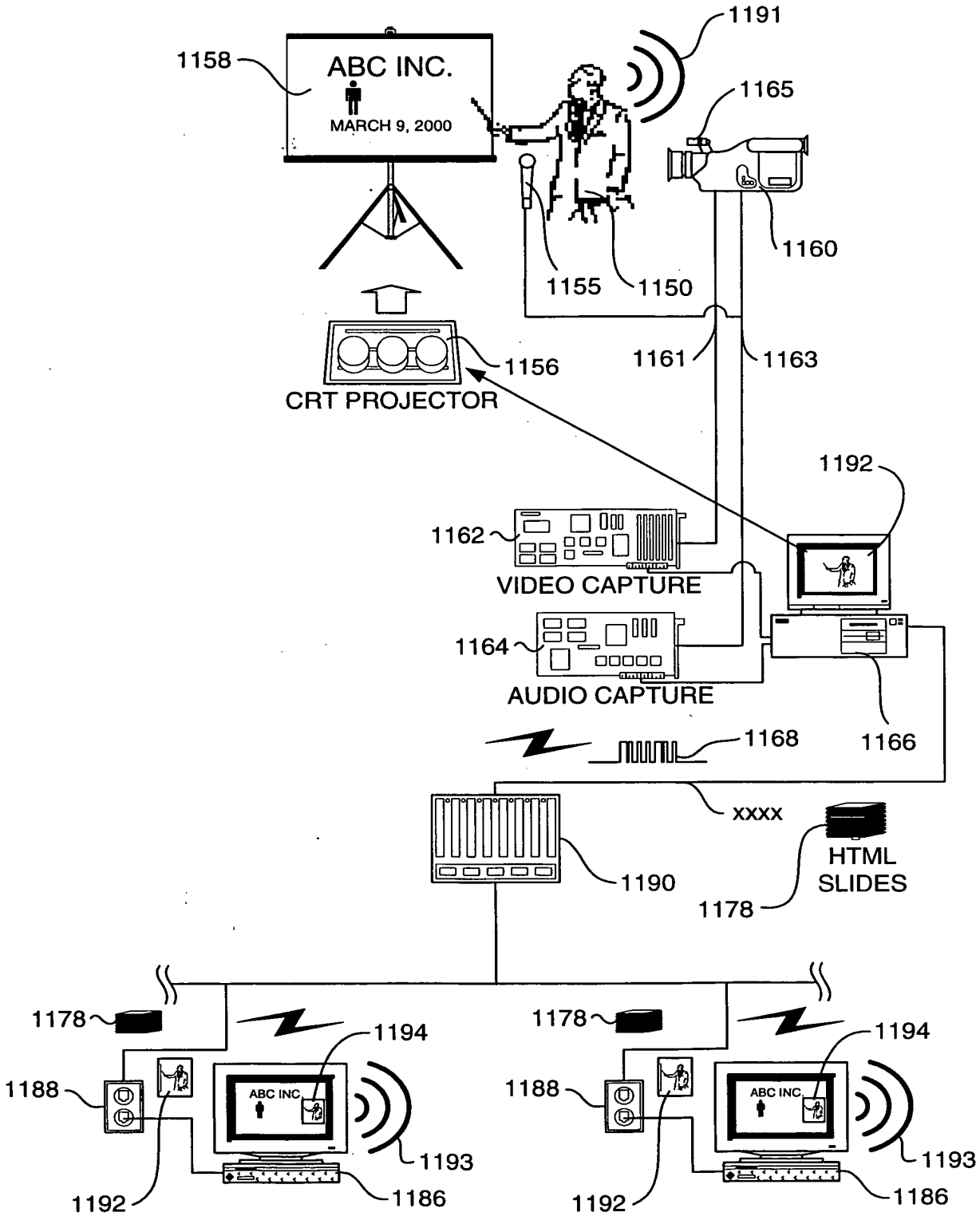
ABC INC.
MARCH 9, 2000
1158
1191
1165
1160
1155
1150
1156
CRT PROJECTOR
1161
1163
1192
1162
VIDEO CAPTURE
1164
AUDIO CAPTURE
1166
1168
XXXX
1190
HTML
SLIDES
1178
1194
1188
1193
1186

FIG. 12

09/25/2000 15:09:09

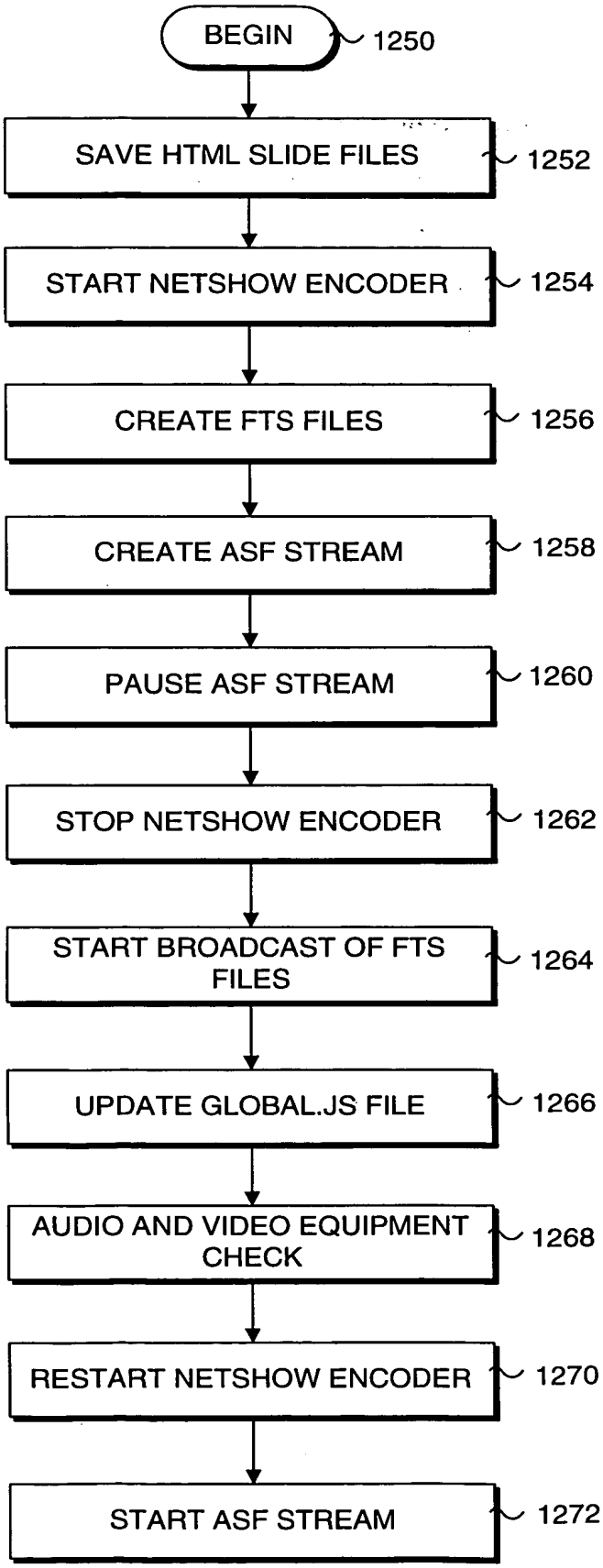

FIG. 13

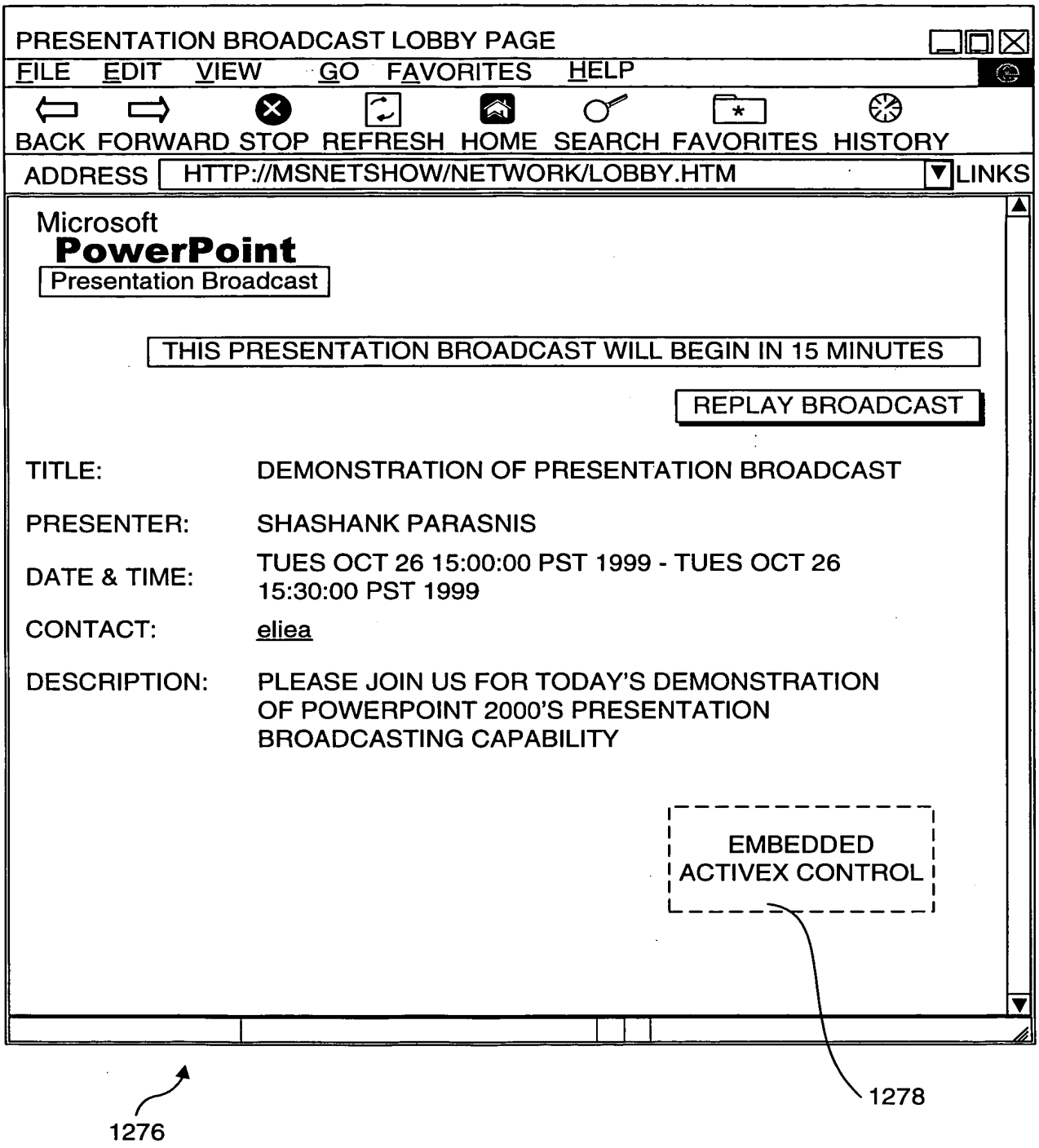
PRESENTATION BROADCAST LOBBY PAGE
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://MSNETSHOW/NETWORK/LOBBY.HTM
LINKS
Microsoft
PowerPoint
Presentation Broadcast
THIS PRESENTATION BROADCAST WILL BEGIN IN 15 MINUTES
REPLAY BROADCAST
TITLE: DEMONSTRATION OF PRESENTATION BROADCAST
PRESENTER: SHASHANK PARASNIS
DATE & TIME: TUES OCT 26 15:00:00 PST 1999 - TUES OCT 26 15:30:00 PST 1999
CONTACT: eliea
DESCRIPTION: PLEASE JOIN US FOR TODAY'S DEMONSTRATION OF POWERPOINT 2000'S PRESENTATION BROADCASTING CAPABILITY
EMBEDDED ACTIVEX CONTROL
1276
1278

FIG. 15

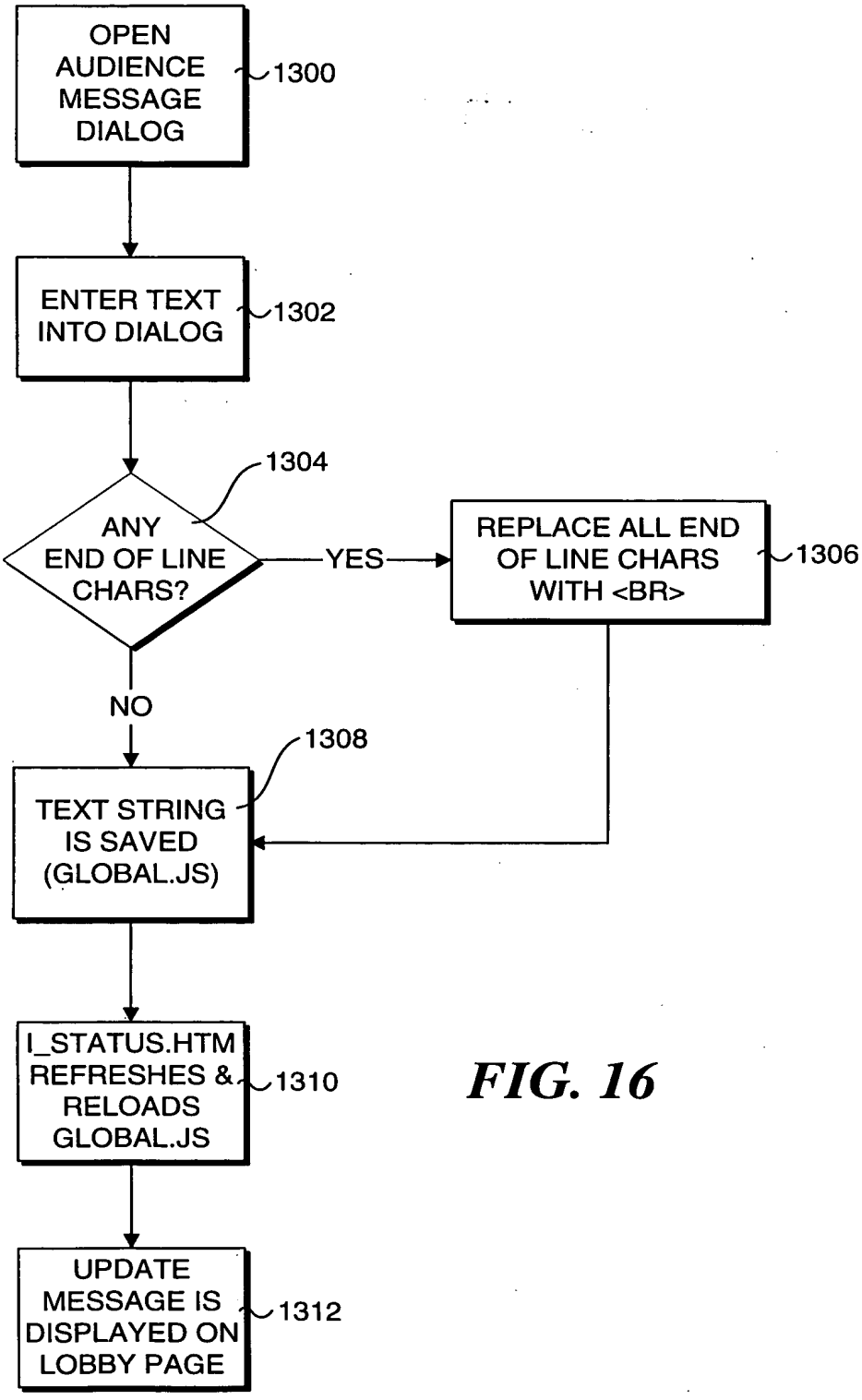
OPEN AUDIENCE MESSAGE DIALOG
1300
ENTER TEXT INTO DIALOG
1302
1304
ANY END OF LINE CHARS?
YES
REPLACE ALL END OF LINE CHARS WITH
1306
NO
1308
TEXT STRING IS SAVED (GLOBAL.JS)
I_STATUS.HTM REFRESHES & RELOADS GLOBAL.JS
1310
UPDATE MESSAGE IS DISPLAYED ON LOBBY PAGE
1312

FIG. 16

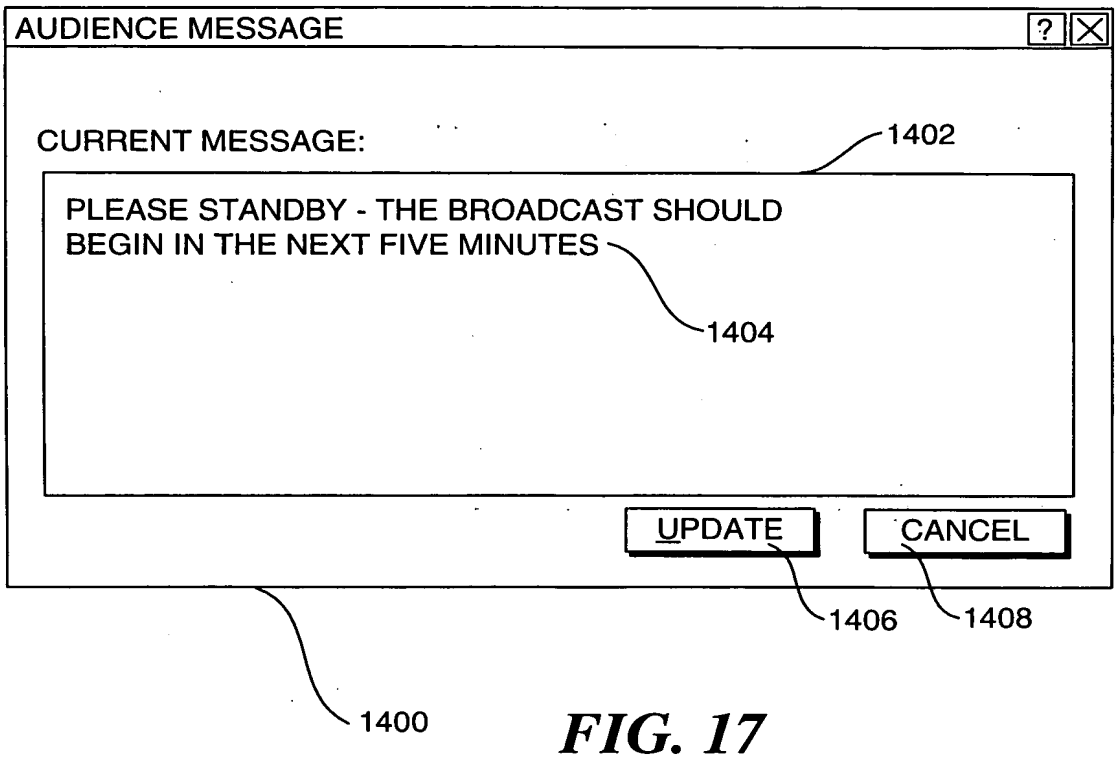
AUDIENCE MESSAGE
CURRENT MESSAGE:
1402
PLEASE STANDBY - THE BROADCAST SHOULD BEGIN IN THE NEXT FIVE MINUTES
1404
UPDATE
CANCEL
1406
1408
1400

FIG. 17

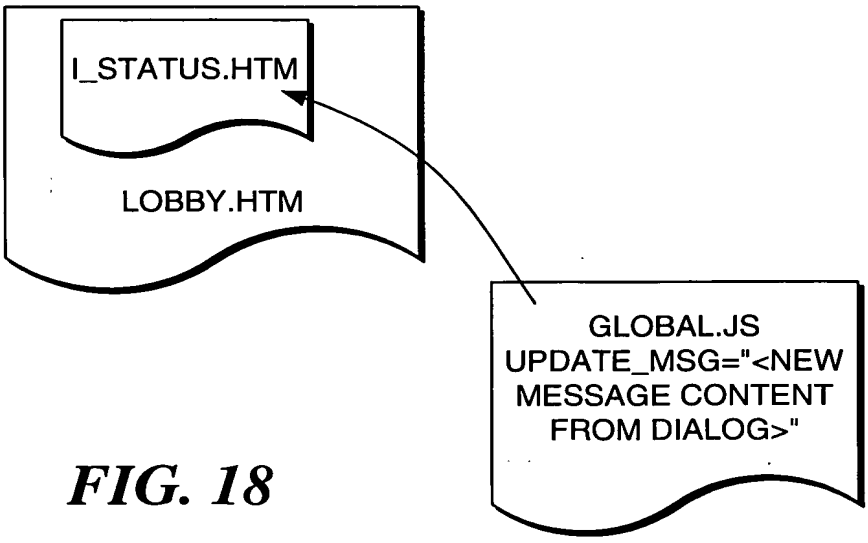
I_STATUS.HTM
LOBBY.HTM
GLOBAL.JS
UPDATE_MSG="<NEW MESSAGE CONTENT FROM DIALOG>"

FIG. 18

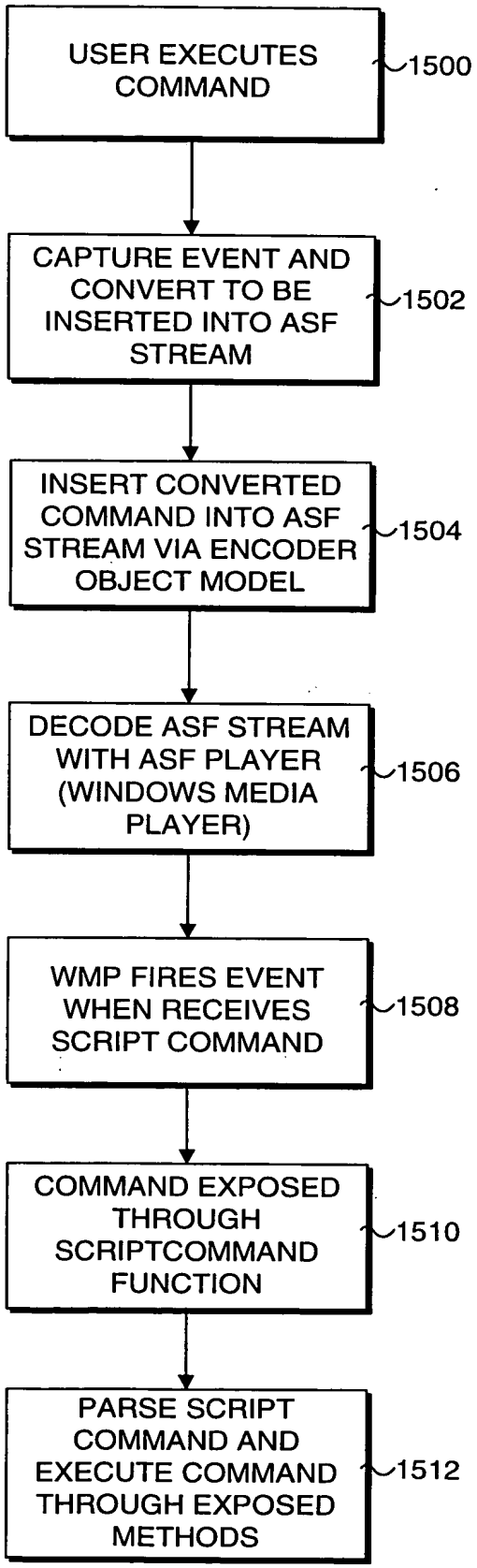
USER EXECUTES COMMAND
1500
CAPTURE EVENT AND CONVERT TO BE INSERTED INTO ASF STREAM
1502
INSERT CONVERTED COMMAND INTO ASF STREAM VIA ENCODER OBJECT MODEL
1504
DECODE ASF STREAM WITH ASF PLAYER (WINDOWS MEDIA PLAYER)
1506
WMP FIRES EVENT WHEN RECEIVES SCRIPT COMMAND
1508
COMMAND EXPOSED THROUGH SCRIPTCOMMAND FUNCTION
1510
PARSE SCRIPT COMMAND AND EXECUTE COMMAND THROUGH EXPOSED METHODS
1512

FIG. 19

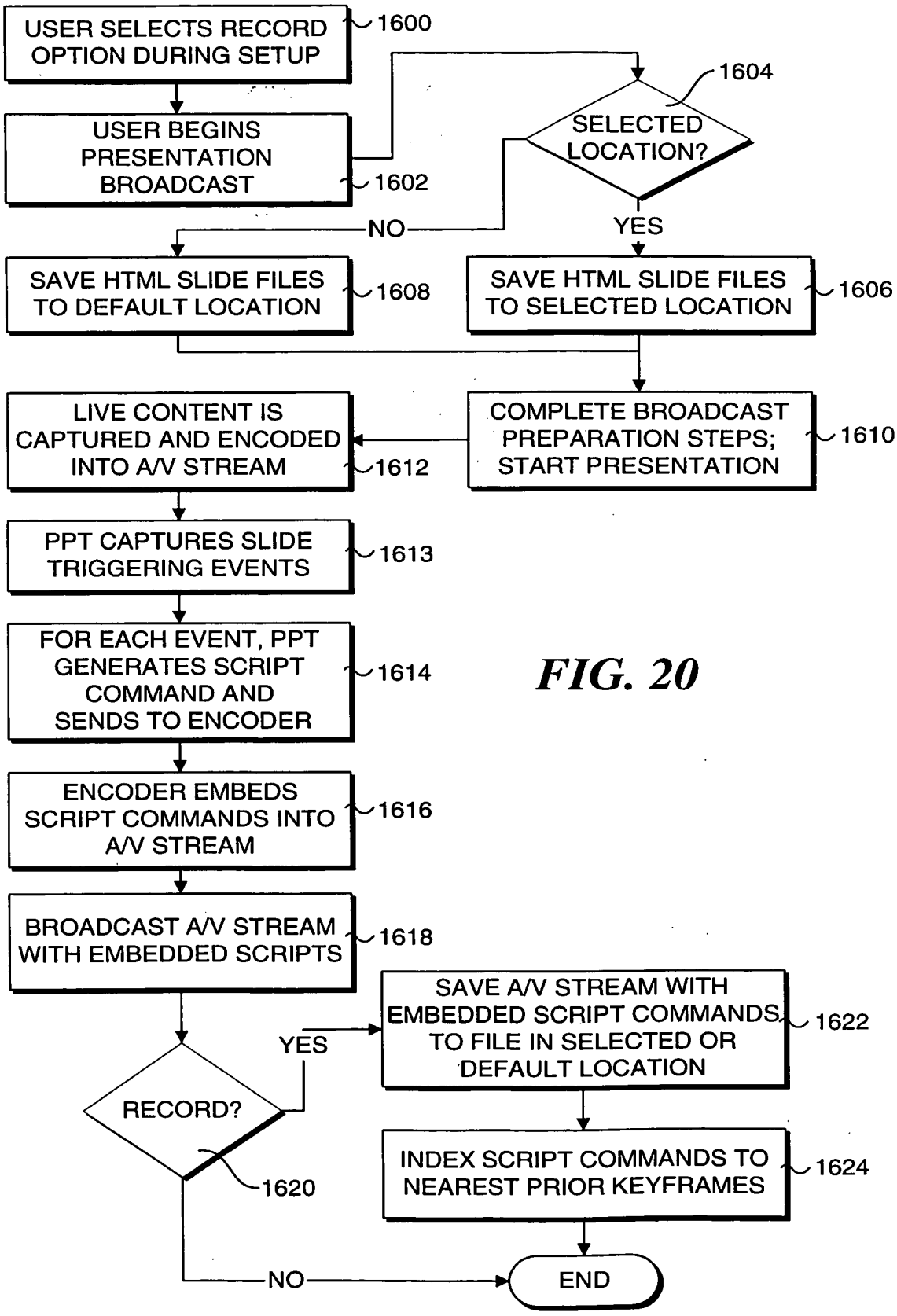
USER SELECTS RECORD OPTION DURING SETUP
1600
USER BEGINS PRESENTATION BROADCAST
1602
SELECTED LOCATION?
1604
NO
YES
SAVE HTML SLIDE FILES TO DEFAULT LOCATION
1608
SAVE HTML SLIDE FILES TO SELECTED LOCATION
1606
COMPLETE BROADCAST PREPARATION STEPS; START PRESENTATION
1610
LIVE CONTENT IS CAPTURED AND ENCODED INTO A/V STREAM
1612
PPT CAPTURES SLIDE TRIGGERING EVENTS
1613
FOR EACH EVENT, PPT GENERATES SCRIPT COMMAND AND SENDS TO ENCODER
1614
ENCODER EMBEDS SCRIPT COMMANDS INTO A/V STREAM
1616
BROADCAST A/V STREAM WITH EMBEDDED SCRIPTS
1618
RECORD?
1620
YES
SAVE A/V STREAM WITH EMBEDDED SCRIPT COMMANDS TO FILE IN SELECTED OR DEFAULT LOCATION
1622
INDEX SCRIPT COMMANDS TO NEAREST PRIOR KEYFRAMES
1624
NO
END

FIG. 20

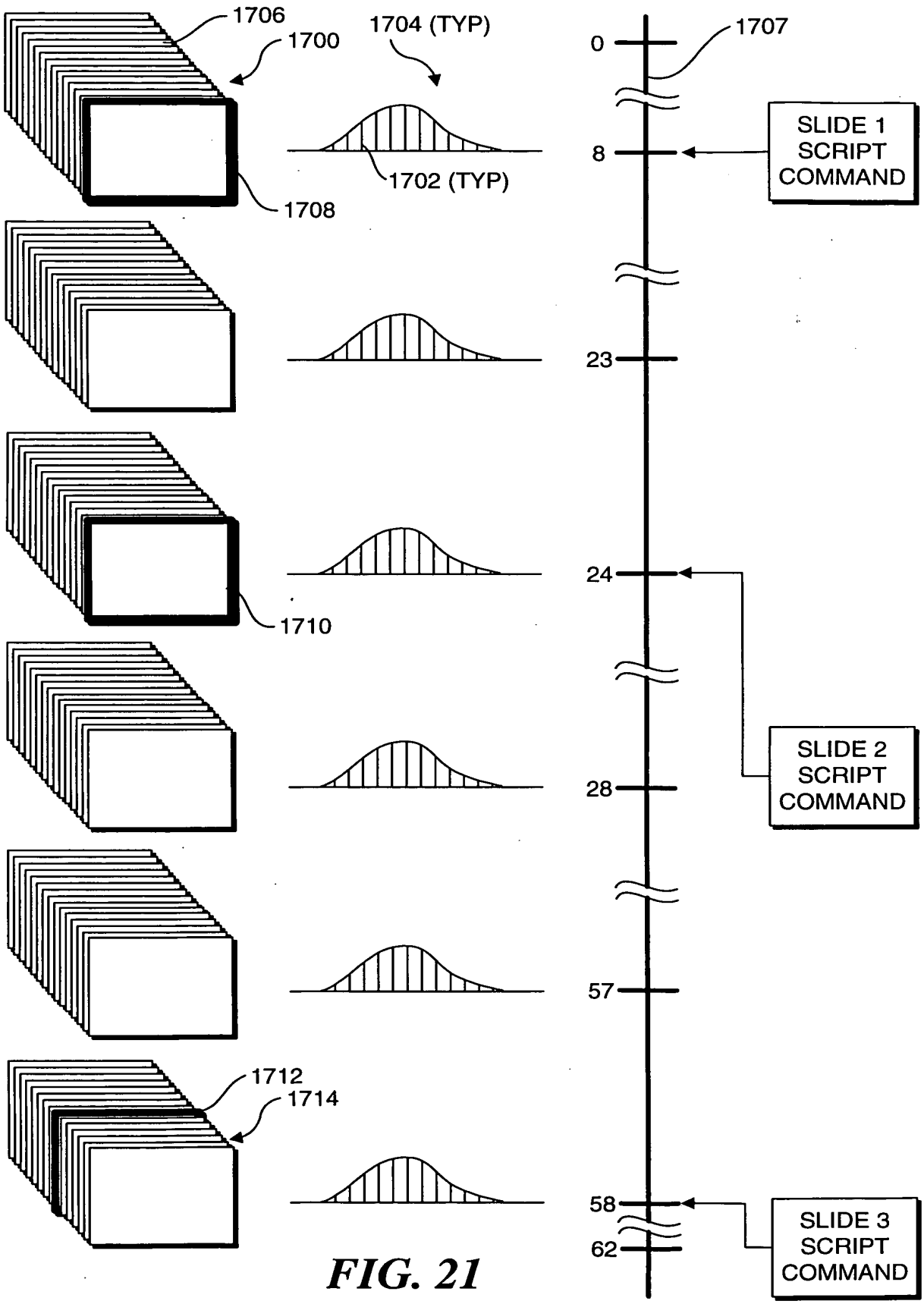
1706
1700
1704 (TYP)
1707
0
SLIDE 1
SCRIPT
COMMAND
8
1702 (TYP)
1708
23
1710
24
SLIDE 2
SCRIPT
COMMAND
28
57
1712
1714
58
SLIDE 3
SCRIPT
COMMAND
62

FIG. 21

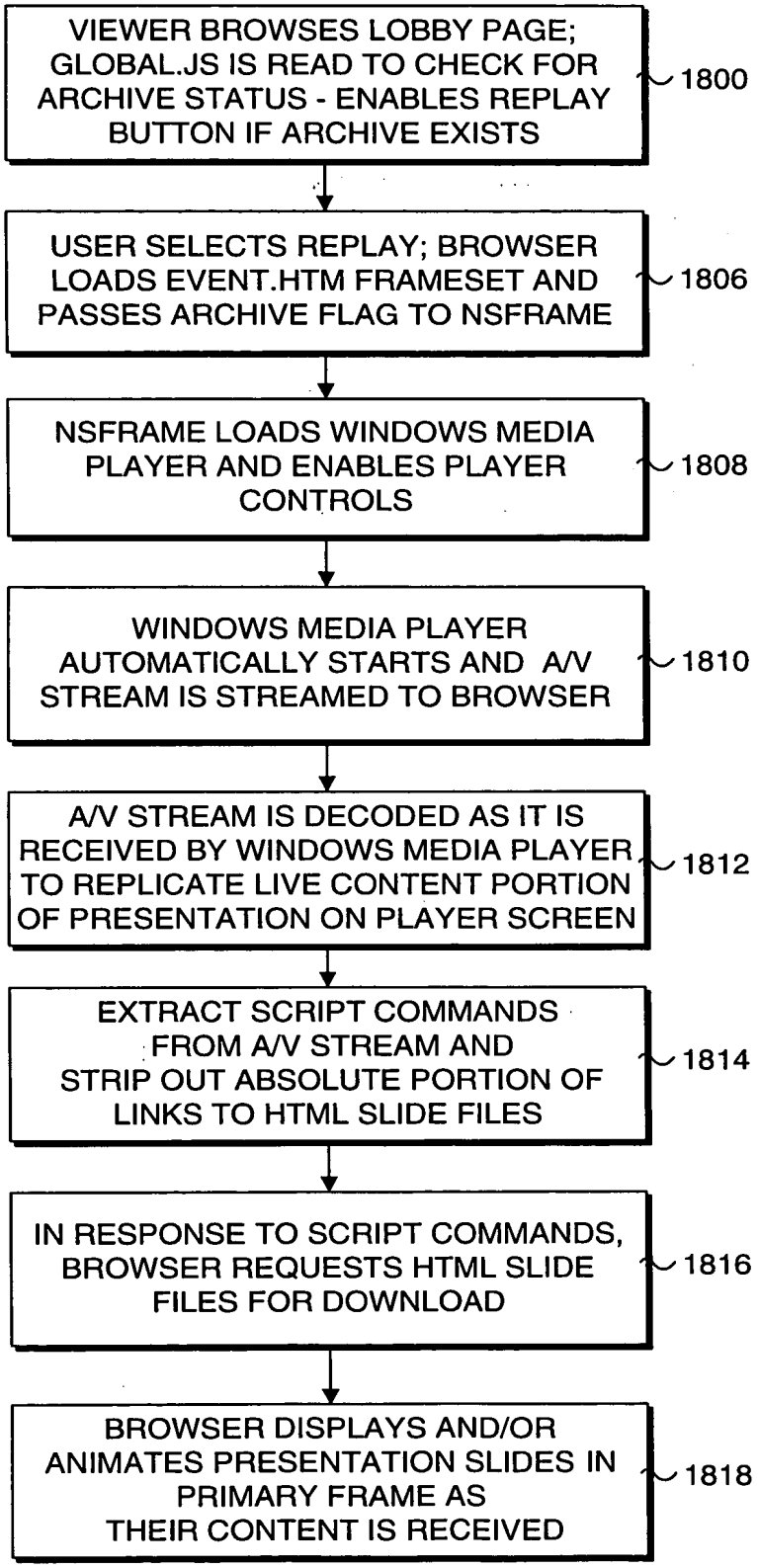
VIEWER BROWSES LOBBY PAGE; GLOBAL.JS IS READ TO CHECK FOR ARCHIVE STATUS - ENABLES REPLAY BUTTON IF ARCHIVE EXISTS
1800
USER SELECTS REPLAY; BROWSER LOADS EVENT.HTM FRAMESET AND PASSES ARCHIVE FLAG TO NSFRAME
1806
NSFRAME LOADS WINDOWS MEDIA PLAYER AND ENABLES PLAYER CONTROLS
1808
WINDOWS MEDIA PLAYER AUTOMATICALLY STARTS AND A/V STREAM IS STREAMED TO BROWSER
1810
A/V STREAM IS DECODED AS IT IS RECEIVED BY WINDOWS MEDIA PLAYER TO REPLICATE LIVE CONTENT PORTION OF PRESENTATION ON PLAYER SCREEN
1812
EXTRACT SCRIPT COMMANDS FROM A/V STREAM AND STRIP OUT ABSOLUTE PORTION OF LINKS TO HTML SLIDE FILES
1814
IN RESPONSE TO SCRIPT COMMANDS, BROWSER REQUESTS HTML SLIDE FILES FOR DOWNLOAD
1816
BROWSER DISPLAYS AND/OR ANIMATES PRESENTATION SLIDES IN PRIMARY FRAME AS THEIR CONTENT IS RECEIVED
1818

FIG. 22

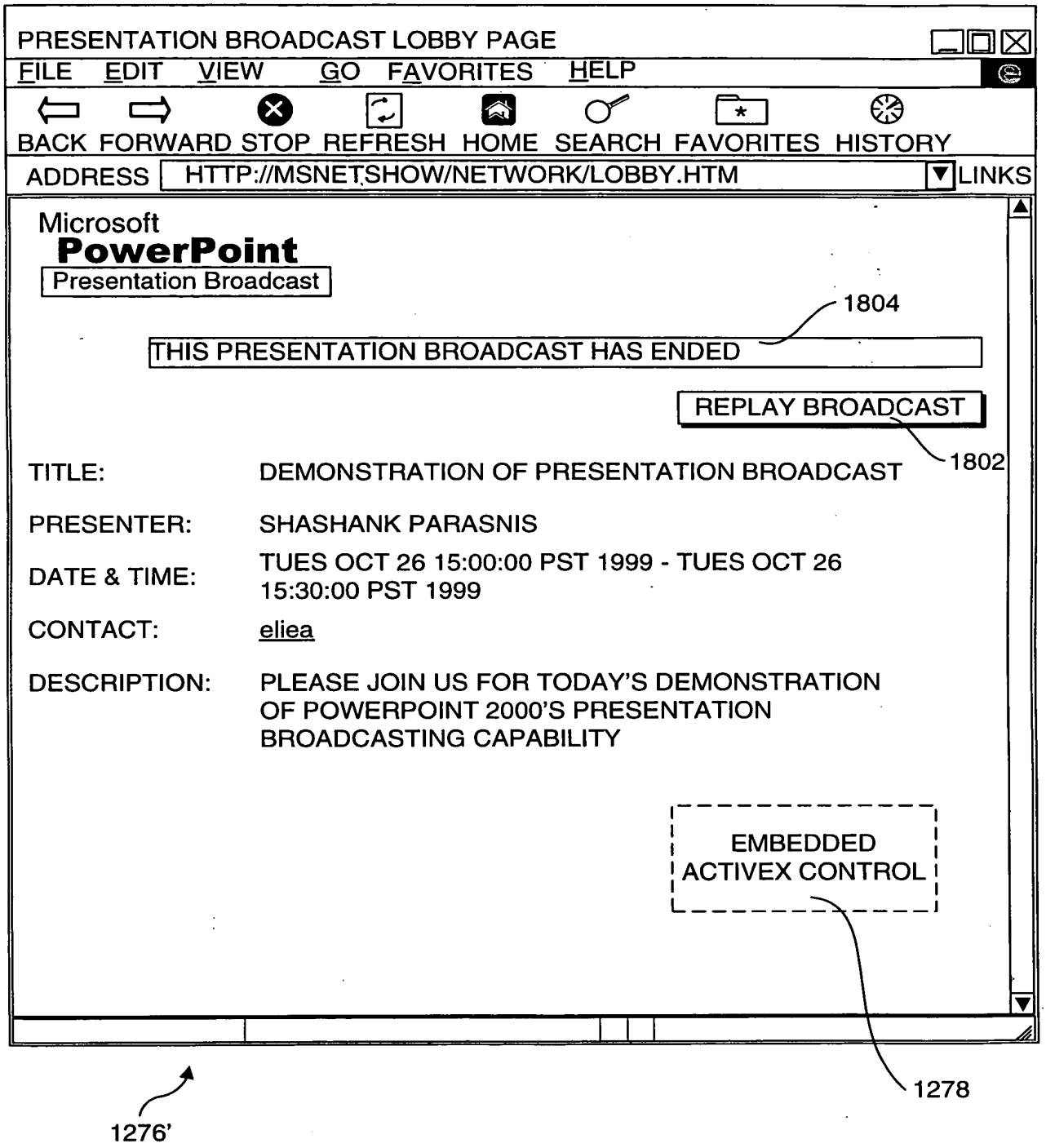
PRESENTATION BROADCAST LOBBY PAGE
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://MSNETSHOW/NETWORK/LOBBY.HTM
LINKS
Microsoft
PowerPoint
Presentation Broadcast
1804
THIS PRESENTATION BROADCAST HAS ENDED
REPLAY BROADCAST
1802
TITLE: DEMONSTRATION OF PRESENTATION BROADCAST
PRESENTER: SHASHANK PARASNIS
DATE & TIME: TUES OCT 26 15:00:00 PST 1999 - TUES OCT 26 15:30:00 PST 1999
CONTACT: eliea
DESCRIPTION: PLEASE JOIN US FOR TODAY'S DEMONSTRATION OF POWERPOINT 2000'S PRESENTATION BROADCASTING CAPABILITY
EMBEDDED ACTIVEX CONTROL
1278
1276'

FIG. 23

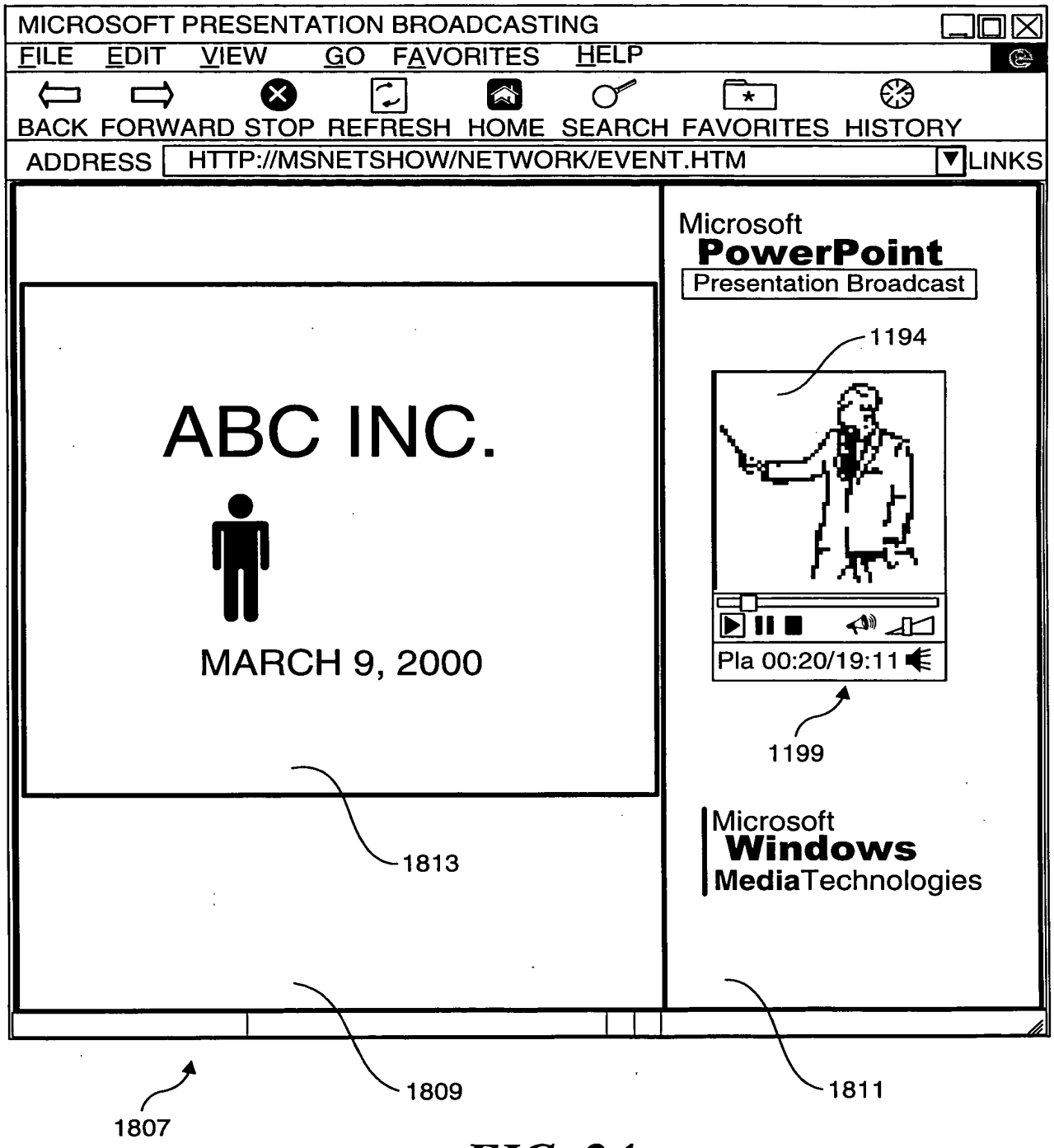
MICROSOFT PRESENTATION BROADCASTING
FILE EDIT VIEW GO FAVORITES HELP
BACK FORWARD STOP REFRESH HOME SEARCH FAVORITES HISTORY
ADDRESS HTTP://MSNETSHOW/NETWORK/EVENT.HTM
LINKS
ABC INC.
MARCH 9, 2000
Microsoft
PowerPoint
Presentation Broadcast
1194
Pla 00:20/19:11
1199
Microsoft
Windows
MediaTechnologies
1813
1809
1811
1807

FIG. 24

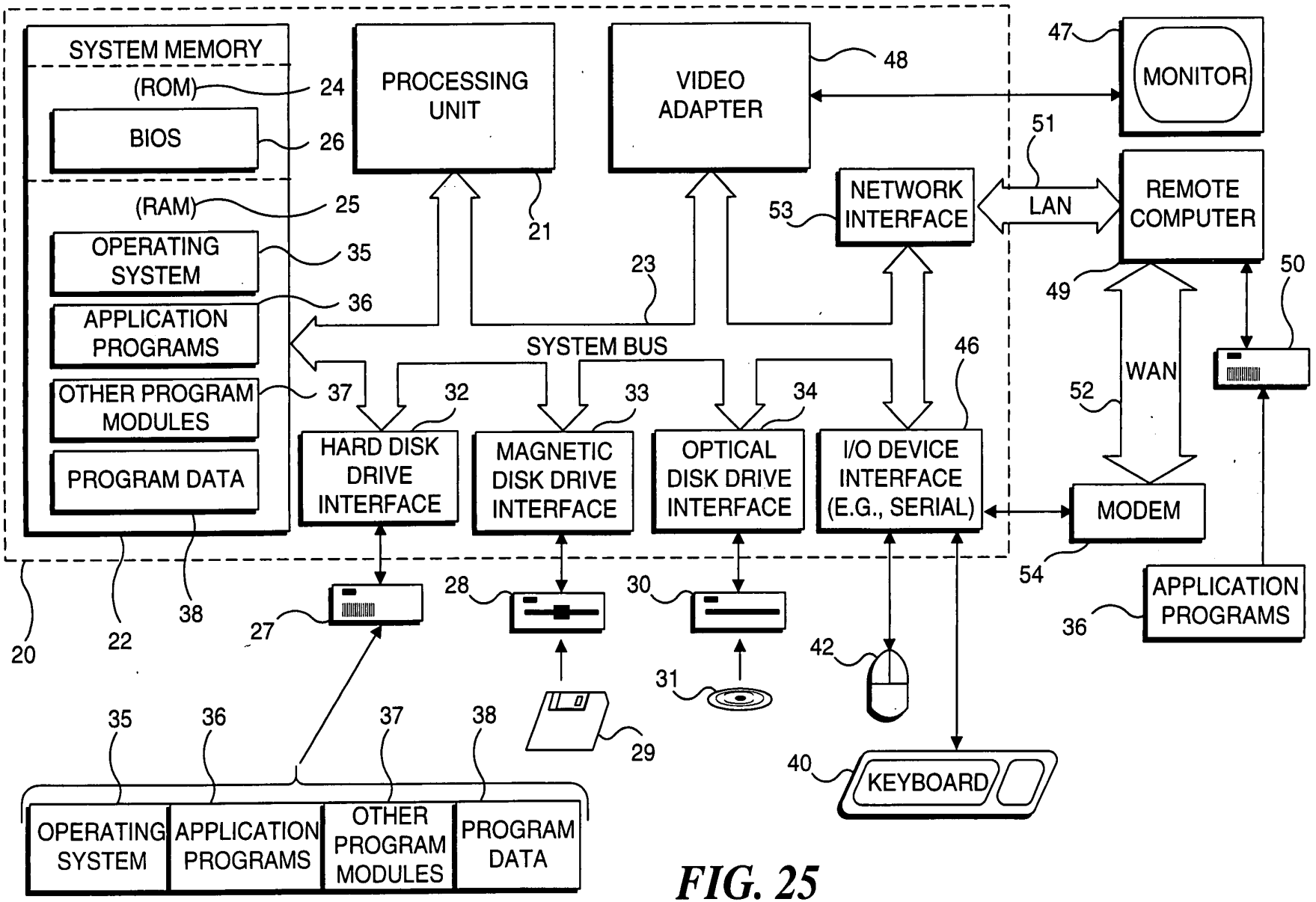
SYSTEM MEMORY
(ROM)
24
BIOS
26
(RAM)
25
OPERATING SYSTEM
35
APPLICATION PROGRAMS
36
OTHER PROGRAM MODULES
37
PROGRAM DATA
38
PROCESSING UNIT
21
VIDEO ADAPTER
48
47
MONITOR
51
NETWORK INTERFACE
53
LAN
REMOTE COMPUTER
49
50
23
SYSTEM BUS
46
WAN
52
HARD DISK DRIVE INTERFACE
32
MAGNETIC DISK DRIVE INTERFACE
33
OPTICAL DISK DRIVE INTERFACE
34
I/O DEVICE INTERFACE (E.G., SERIAL)
MODEM
54
APPLICATION PROGRAMS
36
20
22
27
28
30
42
31
29
40
KEYBOARD
35
36
37
38
OPERATING SYSTEM
APPLICATION PROGRAMS
OTHER PROGRAM MODULES
PROGRAM DATA

FIG. 25